

WHAT IS CLAIMED IS:

1. An odor eliminating material, comprising:
a cationized supporting material; and
a metal phthalocyanine complex carried by the supporting material,

wherein the supporting material is treated by a treatment agent containing a metal phthalocyanine complex and a level dyeing agent, or treated by a treatment agent containing a level dyeing agent and then further treated by a treatment agent containing a metal phthalocyanine complex, whereby the metal phthalocyanine complex is carried by the supporting material.

2. An odor eliminating material, comprising:
a cationized supporting material;
a metal phthalocyanine complex carried by the supporting material; and
a level dyeing agent carried by the supporting material.

3. The odor eliminating material as recited in claim 1 or 2, wherein the level dyeing agent is one or more compounds selected from the group consisting of polyalkylether sulfonic acid, polyoxyethylene alkylether, alkyl succinic acid and alkyl sulfonic acid.

4. An odor eliminating material, comprising:
a cationized supporting material; and
a metal phthalocyanine complex carried by the supporting material,

wherein the supporting material is treated by a treatment agent containing a metal phthalocyanine complex and a migration inhibitor, or treated by a treatment agent containing a migration inhibitor and then further treated by a treatment agent containing a metal phthalocyanine complex, whereby the metal phthalocyanine complex is carried by the supporting material.

5. An odor eliminating material, comprising:
a cationized supporting material;
a metal phthalocyanine complex carried by the supporting material; and
a migration inhibitor carried by the supporting material.

6. The odor eliminating material as recited in claim 4 or 5, wherein the migration inhibitor is one or more compounds selected from the group consisting of acrylamide series polymer and sodium alginate.

7. The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein a constituent material of the supporting material is one or more materials selected from the group

consisting of cellulose, rayon, cotton and wool.

8. The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein the supporting material is constituted by a sheet made of any one of nonwoven fabric, woven fabric, knitted fabric and paper.

9. The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein the supporting material is a material cationized by quaternary ammonium salt.

10 The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein a carried amount of the metal phthalocyanine complex is 3,000 ppm or more with respect to the supporting material.

11. The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein the metal phthalocyanine complex is a cobalt phthalocyanine complex.

12. The odor eliminating material as recited in any one of claims 1, 2, 4 and 5, wherein the supporting material further carries a hydrazine derivative.

13. A method for manufacturing an odor eliminating material,

the method comprising:

cationizing a supporting material;

immersing the cationized supporting material into a treatment solution containing a level dyeing agent; and

immersing the supporting material treated in the treatment solution into a treatment solution containing a metal phthalocyanine complex and then drying the supporting material.

14. The method for manufacturing an odor eliminating material as recited in claim 13, wherein one or more compounds selected from the group consisting of polyalkylether sulfonic acid, polyoxyethylene alkylether, alkyl succinic acid and alkyl sulfonic acid is used as the level dyeing agent.

15. A method for manufacturing an odor eliminating material, the method comprising:

cationizing a supporting material; and

immersing the cationized supporting material into a treatment solution containing a metal phthalocyanine complex and a migration inhibitor and then drying the supporting material.

16. The method for manufacturing an odor eliminating material as recited in claim 15, wherein one or more compounds selected from the group consisting of acrylamide series polymer and sodium alginate is used as the migration inhibitor.

17. The method for manufacturing an odor eliminating material as recited in claim 15, wherein a mass ratio of the metal phthalocyanine complex / the migration inhibitor in the treatment solution falls within a range of 1/10 to 10/1.

18. The method for manufacturing an odor eliminating material as recited in claim 15, wherein a mass ratio of the metal phthalocyanine complex / the migration inhibitor in the treatment solution falls within a range of 1/2 to 5/1.

19. An odor eliminating material, comprising:
a supporting material; and
an odor eliminating compound carried by the supporting material,

wherein the supporting material is treated by a treatment agent containing the odor eliminating compound including a hydrazine derivative and a metal phthalocyanine complex, whereby the odor eliminating compound is carried by the supporting material.

20. The odor eliminating material as recited in claim 19, wherein a weight ratio of the hydrazine derivative and the metal phthalocyanine complex in the treatment solution falls within a range of 75/25 to 95/5.

21. The odor eliminating material as recited in claim 19, wherein the odor eliminating compound further contains a porous inorganic substance.

22. The odor eliminating material as recited in claim 21, wherein the porous inorganic substance is zeolite.

23. The odor eliminating material as recited in claim 19, wherein the odor eliminating compound further contains binder resin.

24. The odor eliminating material as recited in claim 19, wherein the metal phthalocyanine complex is cobalt phthalocyanine complex.

25. The odor eliminating material as recited in claim 19, wherein a carried amount of the odor eliminating compound falls within a range of 0.1 to 10 wt% with respect to the supporting material.

26. The odor eliminating material as recited in claim 19, wherein the supporting material is a nonwoven fabric.

27. The odor eliminating material as recited in claim 19, wherein the supporting material is porous structure material.

28. The odor eliminating material as recited in claim 19, wherein the hydrazine derivative is a reaction product of one or two compounds selected from the group consisting of hydrazine and semicarbazide and one or more compounds selected from the group consisting of monocarboxylic acid having the carbon number of 8 to 16, dicarboxylic acid, aromatic monocarboxylic acid and aromatic dicarboxylic acid.

29. The odor eliminating material as recited in claim 19, wherein the hydrazine derivative is a reaction product of one or two compounds selected from the group consisting of hydrazine and semicarbazide and one or more compounds selected from the group consisting of monoglycidyl derivative and diglycidyl derivative whose carbon number is 8 to 16.

30. The odor eliminating material as recited in claim 19, wherein the hydrazine derivative is one or more compounds selected from the group consisting of sebacic acid dihydrazide, dodecane diacid dihydrazide and isophthalic acid dihydrazide.

31. A method for manufacturing an odor eliminating material, comprising:

immersing a supporting material into a treatment agent containing an odor eliminating composite including a hydrazine

derivative and a metal phthalocyanine complex; and

drying the supporting material to thereby carry the odor eliminating composite.

32. A method for manufacturing an odor eliminating material, comprising:

coating a treatment agent containing an odor eliminating composite including a hydrazine derivative and a metal phthalocyanine complex on a sheet-like supporting material; and

drying the supporting material to thereby carry the odor eliminating composite.

33. The method for manufacturing an odor eliminating material as recited in claim 31 or 32, wherein a weight ratio of the hydrazine derivative / the metal phthalocyanine complex falls within a range of 75/25 to 95/5.